

2018	Local Oscillator	April
	Local Oscillator	
Mesilla Valley Radio Club		

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Current Events			Table of Contents
Date	Event	Time	Bataan Memorial Plaque Additional Meeting Talk Meeting Minutes Board Minutes Meeting Minutes Club Location Club Officers Membership Application
Sat	Informal at Cracker Barrel	6:00 AM	
M, W, F	Informal Wal-Mart (West)	10:00 AM	
Wed	MVRC Net 146.64	6:45 PM	
April 5	Board Meeting Club House	7 PM	
April 7	Coffee Club House	8 AM	
April 7	Business Meeting Club House	8:45 AM	
April 3	Builder's Group Club House	7PM	
April 10	Builders Group Club House	7 PM	
April 17	Builders Group Club House	7 PM	
April 24	Builders Group Club House	7 PM	
May 5	Bean Feed Club House	7 AM	
For more events see http://www.n5bl.org/calendar			



More information at <http://swantenna.com>



Bataan Memorial Plaque

The Articles for This Month

Bataan Memorial Death March Race Plaque

The photograph shows the new plaque the club receives from the White Sands Missile Range for helping with the Bataan Death March Race. Shown holding the plaque is KD5OHA, George Kopp, who worked with White Sands for months preparing for this race. The plaque can be seen in the meeting room (along with many others). More details of the club's participation in the event is in the following story.

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Bataan Memorial Death March Race

KD5OHA

The 29th annual Bataan Memorial Death March was held on Sunday March 25. This event is held to honor the marchers of the real death march in 1944. There were three survivors present to answer the role call at the opening service. All of the volunteers helping to support the March had to be on post at 04:30. There were nearly 8,000 Marchers. The March got started at 07:15. The weather was good most of the day, but got very dusty at sunset. We had 29 Hams from all over New Mexico and some from Texas. There were two hams at each of the 12 water points, one in the SAND PIT, two at the base EOC, and myself. My job was to follow the race director around and let her know what was going on out on the course. By information that was relayed to me by the water points and net control that was located at base EOC. The last Marcher crossed the finish line at 21:30 and I left the post at 21:36.

Meeting Talk Amplification

KD5SSJ

Some amplification of the recent meeting talk will be presented on the third Tuesday (17 April) night at Builders Group this month. I'm going to fill in some gaps that Bill left. He made some assumptions that only a few in the audience could easily make.

The purpose of his demonstration was to show that you can give new life to an older radio and have some, if not most, of the features of the new software defined radios (SDR). By the addition of as little as \$20 in hardware, you can "modernize" a pre-1990 radio. Modern SDR transceivers sell for thousands of dollars.

This modification should not have any negative affect on the radio, if done correctly. It adds the ability to sample the radio's IF (Intermediate Frequency) and show the signals in modern ways with a panoramic scope and a waterfall display. It does not affect the transmissions in any way. When combined with rig control, it allows the transceiver to be tuned to follow the click of the mouse and tune in a specific signal. You can then apply different demodulators (USB, LSB, AM, CW), filtering and notching methods, and even digital decoding of messages, PSK, RTTY, slow scan TV and much more.

Many of you are familiar with digital modes and are accustomed to seeing at least the waterfall display. But the usual method is limited to the signals within the AF (Audio Frequency) bandwidth (less than 3 kHz) while this modification allows seeing the IF bandwidth of 50 to 500 kHz, or more. So instead of looking at the band through a soda straw (sound card digital modes) you get to look at it through a telescope.

I'll try to explain the basic radio system, show where the tap is made and explain the added components. There will be one or more demonstration systems, so there can be some additional hands on experience.

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General Meeting Minutes

MVRC Members Meeting Minutes 3-3-2018

President Sven called the meeting to order at 8:45

Members introduced themselves

Furman gave the treasurer's report

Rob reported all repeaters working

Earl reported on Bataan and field day. Dave will be at the clubhouse 8:00 to 5:00
Bean feed on 5-5-2018 and field day in June

Charles reported the switch over from mailman to groups io would happen on the weekend
suggested we learn to reply to sender not to all

Cash reported Charlie would show how to calculate dB without logs

Bruce spoke of 40 meter mdx, the need for tower help and the radio museum

Harvey announced he was working on a hat and jacket order—to contact him if interested

George reported on the 2 meter net and Bataan

Richard reminded us of antenna day on May 19th at the park by his house

Mike spoke of exploring remote operation at the clubhouse and Cash said it was under study

David Glasscock spoke of possible interaction with NASA and Cash agreed to discuss it with him

Sven adjourned the meeting and Charles began his presentation on dB

Ky2le, mvrc secretary

Board Meeting Minutes

MVRC Board of Directors meeting minutes 4/5/2018

Secretary Kyle called the meeting to order at 7pm

Present were: Randy, Cash, Rob, Charles, Furman and B.J. Smith, George, Bob and Peggy
Roker and Alex

Rob reported all repeaters ok. Moving bbhn back to the airport was under consideration. Rob was going to approach the county for a six meter repeater site and that at Caballo the border patrol had a potential site.

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Furman reported he was recovering ;but needed a driver. The monthly report was in order and a net positive

Charles reported N5BL.org had successfully moved and the next step was access into the bbhn access points. Rob stated there was room for a connection.

George showed a plaque from Bataan and the next support event was the Las Cruces running club race on July 3rd pre electric light parade.

Alex had a question about elephants on the reflector groups web page. Cash and Charles found it and will look in to options. Alex said the Local Oscillator reports Sat 6am meeting at the Cracker Barrel”, Tuesdays 7:30am meeting at Deny's East Mesa and Wednesdays 10 am coffee at Walmart McDonalds on valley. Alex suggested the QSO party in April be brought up at the members meeting and tech's encouraged to participate.

Cash reported Bill Turner would present on modifying rigs for pan scope operation at Saturdays

meeting. That there would be no meeting in May and the June meeting will have training

presentation. Builders meets every Tuesday and all are welcome.

Randy reported feeling much improved and agreed to contact Denver about building care

Kyle reported that the annual tax return and Government report were due May 15th. Smitty and Charles will work on the on line form and capture a copy for our archives. Once the tax return is done Kyle and Charles will capture a copy of the annual report for our archives

NEW BUSINESS

Cash reported Dave Hassall recommended the inverted V antenna be replaced with a model that included the 160 meter band at a cost of about \$200 plus shipping. Cash moved we purchase and install such antenna, Charles seconded the motion and it passed unanimously. Cash is authorized to purchase the antenna and Smitty is authorized to pay for it.

Those present agreed to help prepare for Bean Feed and solicit additional help.

Kyle adjourned the meeting at 7:50 pm

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General Meeting Minutes

MVRC Members meeting minutes 4-7-2018

Secretary Kyle filling in for president Sven called the meeting to order at 8:45 am

The members introduced themselves

George presented the Bataan thank you to the club plaque to the club

Furman reported he was improved; but still not driving and the monthly report was in order and balances normal

Charles reported the reflector was working well on groups io, some persons still attempted (unsuccessfully) to use the old system. Improvement on replying to messages was needed and charles would send out a memo

Rob reported contact with the county on a site for the 6 meter repeater, with resolution a few months in the future

Earl reported the QSL party would be from 8am to 8pm on Saturday the 14th at the clubhouse and members could participate from home Field day site was not yet chosen—the university (cost \$500) and the city (cost \$0) were possibilities. Antenna party 5-19 at Hess Terrace—Thanks to George for work on Bataan support---Earl and Bob said choosing to use the camp site was a good idea—thoughts of a low power 1610 am info station should be discussed---Ham participation was recognized as a positive benefit to the event---Bean feed no vendors signed up; but that's true of Albuquerque also—walk in VE testing at bean feed

Derek reported the 6 meter net at 52.525 was working

George reported the 2 meter net at 146.64 was working and the next event to support was the Las Cruces running club race on July 3rd at the electric light parade

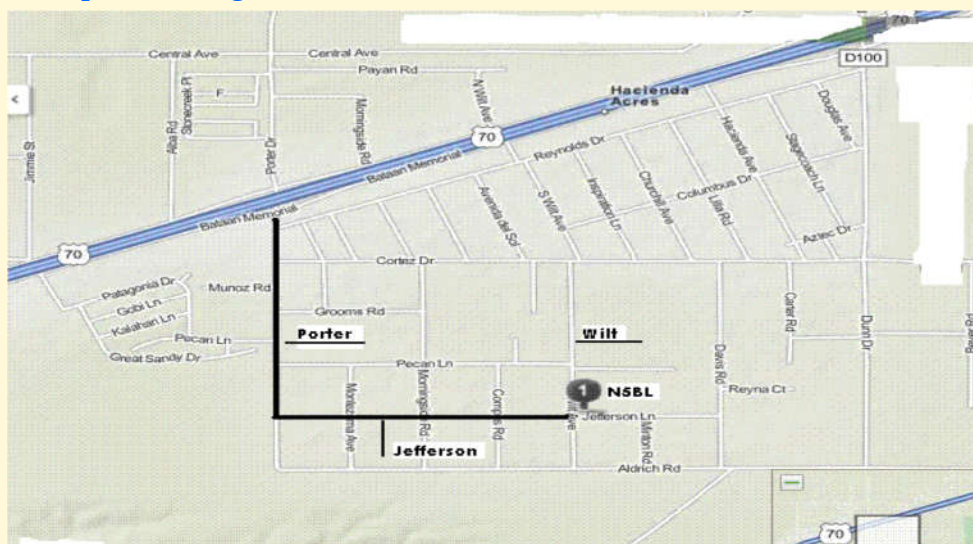
Cash reported the club is ready willing and able to provide license training classes and/or tutoring for license exams---Bill Taylor would demonstrate and explain how a pan adapter display could be added to a ham radio inexpensively using free software and sdr radio adapters.

At 9:35 kyle adjourned the meeting and Bill Taylor began his presentation.

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CLUB INFORMATION

The MVRC Clubhouse is located at the intersection of Wilt and Jefferson. To find the clubhouse, set your destination on your GPS receiver as 32 degrees 22.961 minutes and -106 degrees 41.44 minutes. If you don't own a GPS, take the Porter exit near the firehouse on US 70. It is about 5 miles east from the I 25 interchange. Go south on Porter until you come to Jefferson. There turn left toward the mountains and go to Wilt. You will see the beam on the corner. The treasurer would be delighted to receive your contribution for landscaping and furnishing. More information at <http://n5bl.org>



Officers				
Office	Name	Call	Phone	E-Mail
President	Sven Breden	K5SHB	635-0414	sven.breden@gmail.com
Secretary	Kyle Gesswein	KY2LE	640-5301	kgesswein@comcast.net
Treasurer	Furman Smith	KF5KHL	382-5982	smithf@zianet.com
Board Members				
Education	Cash Olsen	KD5SSJ	382-1917	kd5ssj@arrl.net
Clubhouse	Rndy Adanson	KE5EMP	449-1410	nmreadamson@gmail.com
Newsletter	Alex. Burr	K5XY	522-2528	k5xy@arrl.net
Repeater	Robert Truitt	KE5OFK	649-4173	robhtruitt@zianet.com
Commo	George Kopp	KD5OHA	649-9503	geokd5oha@yahoo.com
Special	Earl Drexler	N5TMT	639-0556	earld7@yahoo.com
IT	Charles Combs	KG5BVE	649-1071	kg5bve@gmio.com

JOIN THE MESILLA VALLEY RADIO CLUB

Name(s) _____

EMAIL _____

If you want confirmation that your payment was received and processed, please include your email address

Street Address _____ PO Box# _____

City _____ Zip _____ Phone _____

To join the Mesilla Valley Radio Club or renew your membership, please complete this form and print or cut out. Send it to **"Treasurer, MVRC, PO Box 1443, Las Cruces, NM 88004"** with annual dues (\$35 single, \$45 family)

Date: _____ Method of payment: Check No. _____ Other _____

Call Sign(S) _____ Family Membership Yes _____ No _____

License Class (E, A, G, T, N) _____ ARRL Member? (Y/N) _____

Are You a ARRL Volunteer Examiner (Y/N) _____

Would you like to be added to the MVRC reflector (email information system)? _____

Interests

Computer _____ Contests _____ Digital _____ Elmer _____ Emergency Communications _____

Field Day _____ Packet _____ Programs _____ Public Service _____ Publicity _____ RFI _____

Repeater _____ Social _____ License Classes _____ Teach Licensing Classes _____

Volunteer Examiner _____ QRSS _____ Other _____

Comments